

## Peak District National Park

Forecast valid from 00:00 on Tuesday 12 Jul 2022 until 23:59 on Wednesday 13 Jul 2022

Forecast Issued on Monday 11 Jul 2022 at 15:12

**Confidence:** High confidence of transition to slightly cooler and cloudier weather through Tuesday and Wednesday, but staying largely dry. Moderate confidence of it becoming hot over the weekend.

**Headline for Tuesday 12 Jul 2022:** Largely dry with light winds but rather cloudy at times.

### Mountain weather hazards on Tuesday 12 Jul 2022

**Blizzards**  
No Likelihood

**Heavy persistent snow**  
No Likelihood

**Storm force winds**  
No Likelihood

**Gales**  
No Likelihood

**Severe chill effect**  
No Likelihood

**Poor visibility**  
No Likelihood

**Thunderstorms**  
No Likelihood

**Heavy persistent rain**  
No Likelihood

**Strong sunlight**  
Medium Likelihood

| Weather and chance of precipitation at 600m                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Time                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| 00:00                                                                               | 03:00                                                                               | 06:00                                                                               | 09:00                                                                               | 12:00                                                                               | 15:00                                                                                 | 18:00                                                                                 | 21:00                                                                                 |
|  |  |  |  |  |  |  |  |
| Partly cloudy (night)                                                               | Partly cloudy (night)                                                               | Sunny intervals                                                                     | Cloudy                                                                              | Cloudy                                                                              | Cloudy                                                                                | Sunny intervals                                                                       | Partly cloudy (night)                                                                 |
| Precipitation probability                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| <05%                                                                                | <05%                                                                                | <05%                                                                                | 10%                                                                                 | 10%                                                                                 | 10%                                                                                   | <05%                                                                                  | <05%                                                                                  |

### Forecast for Tuesday 12 Jul 2022

**Weather:** Upper level cloud increasing through the morning. This may produce the odd spot of light rain during the day, but generally it will remain dry, with some brighter spells developing once again for the evening. Feeling warm and muggy.

**Chance of cloud-free hill tops above 600m:** 100%.

**Low cloud and visibility:** Cloud well above the summits with generally good visibility, but perhaps lowering to around 10km in any rain.

**Forecast for Tuesday 12 Jul 2022**

| Height (m)    | Wind Speed mean/gusts (mph) |          |          |          |          | Wind Direction (blowing from) |         |         |         |
|---------------|-----------------------------|----------|----------|----------|----------|-------------------------------|---------|---------|---------|
|               | 00:00                       | 03:00    | 06:00    | 09:00    | 12:00    | 15:00                         | 18:00   | 21:00   | 00:00   |
| <b>600</b>    | 14/19 SW                    | 17/23 SW | 16/22 SW | 16/21 SW | 19/25 SW | 18/26 SW                      | 16/22 W | 15/21 W | 15/21 W |
| <b>300</b>    | 10/14 S                     | 11/19 SW | 12/19 SW | 12/17 SW | 15/21 SW | 13/20 SW                      | 13/19 W | 10/15 W | 11/16 W |
| <b>Valley</b> | 4/12 S                      | 6/19 SW  | 7/18 SW  | 8/15 SW  | 11/20 SW | 10/19 SW                      | 10/19 W | 8/16 W  | 8/16 W  |

| Height (m)             | Temperature / Feels Like (°C) |       |       |       |       |       |       |       |       |
|------------------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|                        | 00:00                         | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| <b>600</b>             | 19/16                         | 18/14 | 16/14 | 17/14 | 18/14 | 18/14 | 17/14 | 14/12 | 13/10 |
| <b>300</b>             | 21/19                         | 20/17 | 19/16 | 20/18 | 21/18 | 21/18 | 20/18 | 17/16 | 15/13 |
| <b>Valley</b>          | 19/19                         | 19/18 | 19/18 | 21/20 | 22/20 | 22/20 | 21/19 | 17/16 | 16/15 |
| <b>Freezing Level*</b> | 2900m                         | 2800m | 2800m | 3000m | 4100m | 4000m | 2900m | 2500m | 2200m |

\*Level above which ground is expected to be frozen/snow is expected to settle.

**Meteorologist's View**

Cooler than recent days, but still rather warm, so plenty of fluids required.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

Recorded at  
14:00 on Mon 11 Jul 2022

Last 24 hours:  
0mm

Last 48 hours:  
0mm

Last 72 hours:  
0.6mm

**Forecast for Wednesday 13 Jul 2022**

**Weather:** Cloudy with the odd spot of light rain overnight. This clearing early on Wednesday to leave a dry day with prolonged spells of sunshine, all be it a bit hazy at times.

**Maximum wind:** Northwest 10-15mph gusting 20-25mph.

**Chance of cloud-free hill tops above 600m:** 70-80% increasing to 100% early on Wednesday morning.

**Low cloud and visibility:** Broken cloud with patches down to 500-600m initially. This lifting and clearing early on Wednesday morning. Visibility good or very good but lowering to around 5-10km in early light rain.

**Temperature:** **Valleys:** 14 C increasing to 23 C in the afternoon.  
**At 600m:** 11 C increasing to 15 C in the afternoon.  
**Freezing level:** Well above the summits.